

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-73. (Cancelled).

74. (Previously Presented) A component of a medical device, wherein the component includes a region that comprises a polyamide having a tensile strength of at least about 21,000 psi, wherein the region of the component is tube-shaped.

75. (Cancelled).

76. (Original) The component of claim 74, wherein the component is a catheter.

77. (Original) The component of claim 74, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

78. (Previously Presented) The component of claim 74, wherein the tensile strength of the polyamide is at least about 22,500 psi.

79. (Previously Presented) The component of claim 74, wherein the polyamide has a hoop stress of at least about 3300 psi.

80. (Previously Presented) A tube-shaped portion of a catheter, the tube-shaped portion including a region comprising a polyamide having a tensile strength of at least about 21,000 psi.

81. (Original) The tube-shaped portion of claim 80, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

82. (Previously Presented) The tube-shaped portion of claim 80, wherein the tensile strength of the polyamide is at least about 22,500 psi.

83. (Previously Presented) The tube-shaped portion of claim 80, wherein the polyamide has a hoop stress of at least about 3300 psi.

84. (Previously Presented) A component of a medical device, wherein the component includes a region that comprises a polyamide having a hoop stress of at least about 3300 psi, wherein the region of the component is tube-shaped.

85. (Cancelled).

86. (Original) The component of claim 84, wherein the component is a catheter.

87. (Previously Presented) The component of claim 84, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

88. (Previously Presented) The component of claim 84, wherein the hoop stress of the polyamide is at least about 3500 psi.

89. (Previously Presented) A tube-shaped portion of a catheter, the tube-shaped portion including a region that comprises a polyamide having a hoop stress of at least about 3300 psi.

90. (Original) The tube-shaped portion of claim 89, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

91. (Previously Presented) The tube-shaped portion of claim 89, wherein the hoop stress of the polyamide is at least about 3500 psi.

Claim 92-103. (Cancelled)

104. (Previously Presented) A component of a medical device, wherein the component includes a region that comprises a polyamide having a hoop stress ratio of at least about 1.25, wherein the region of the component is tube-shaped.

105. (Cancelled).

106. (Original) The component of claim 104, wherein the component is a catheter.

107. (Original) The component of claim 104, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

108. (Previously Presented) The component of claim 104, wherein the hoop stress ratio of the polyamide is at least about 1.5.

109. (Previously Presented) The component of claim 104, wherein the polyamide has a tensile strength of at least about 21,000 psi.

110. (Previously Presented) The component of claim 104, wherein the polyamide has a hoop stress of at least about 3300 psi.

111. (Cancelled)

112. (Previously Presented) A tube-shaped portion of a catheter, the tube-shaped portion including a region that comprises a polyamide having a hoop stress ratio of at least about 1.25.

113. (Original) The tube-shaped portion of claim 112, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.

114. (Previously Presented) The tube-shaped portion of claim 112, wherein the hoop stress ratio of the polyamide is at least about 1.5.

115. (Previously Presented) The tube-shaped portion of claim 112, wherein the polyamide has a tensile strength of at least about 21,000 psi.

116. (Previously Presented) The tube-shaped portion of claim 112, wherein the polyamide has a hoop stress of at least about 3300 psi.

117. (Cancelled).

118. (Previously Presented) A component of a medical device, wherein the component including a region that comprises a polyamide having a post buckle fracture tensile strength of at least about 6500 psi, wherein the region of the component is tube-shaped.

119. (Cancelled).
120. (Original) The component of claim 118, wherein the component is a catheter.
121. (Original) The component of claim 118, wherein the component comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.
122. (Previously Presented) The component of claim 118, wherein the post buckle fracture tensile strength of the polyamide is at least about 8000 psi.
123. (Previously Presented) The component of claim 118, wherein the polyamide has a tensile strength of at least about 21,000 psi.
124. (Previously Presented) The component of claim 118, wherein the polyamide has a hoop stress of at least about 3300 psi.
125. (Previously Presented) A tube-shaped portion of a catheter, the tube-shaped portion including a region that comprises a polyamide having a post buckle fracture tensile strength of at least about 6500 psi.
126. (Previously Presented) The tube-shaped portion of claim 125, wherein the tube-shaped portion comprises a first layer and a second layer, the first layer having a different flexibility from the second layer.
127. (Previously Presented) The tube-shaped portion of claim 125, wherein the post buckle fracture tensile strength of the polyamide is at least about 8000 psi.

128. (Previously Presented) The tube-shaped portion of claim 125, wherein the polyamide has a tensile strength of at least about 21,000 psi.

129. (Previously Presented) The tube-shaped portion of claim 125, wherein the polyamide has a hoop stress of at least about 3300 psi.

130. (Previously Presented) The component of claim 74, wherein the polyamide comprises a copolymer.

131. (Previously Presented) The tube-shaped portion of a catheter of claim 80, wherein the polyamide comprises a copolymer.

132. (Previously Presented) The component of claim 84, wherein the polyamide comprises a copolymer.

133. (Previously Presented) The tube-shaped portion of a catheter of claim 89, wherein the polyamide comprises a copolymer.

134. (Previously Presented) The component of claim 92, wherein the polyamide comprises a copolymer.

135. (Previously Presented) The tube-shaped portion of a catheter of claim 99, wherein the polyamide comprises a copolymer.

136. (Previously Presented) The component of claim 104, wherein the polyamide comprises a copolymer.

137. (Previously Presented) The tube-shaped portion of a catheter of claim 112, wherein the polyamide comprises a copolymer.

138. (Previously Presented) The component of claim 118, wherein the polyamide comprises a copolymer.

139. (Previously Presented) The tube-shaped portion of a catheter of claim 125, wherein the polyamide comprises a copolymer.